

Converting Colors

CIELCh(65, 45.977, 356.090)

Have a look what the booklet for
CIELCh(65, 45.977, 356.090)
contains.

CIELCh(65, 45.977, 356.090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 45.977, 356.090)

Conversions

Conversions Part 1

Format	Color
Hex	E77CA5
RGB	231, 124, 165
RGB Percent	91%, 49%, 65%
CMY	0.0948, 0.5143, 0.3535
CMYK	0.00, 0.46, 0.29, 0.09
HSL	337°, 69%, 70%
HSV	337°, 46%, 91%
XYZ	46.8647, 34.0472, 39.6247
YIQ	160.6670, 50.6110, 35.4350

Conversions

Conversions Part 2

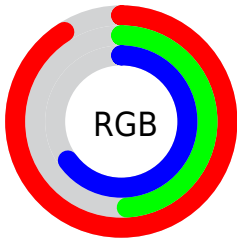
Format	Color
R _Y B	231, 124, 165
Decimal	15170725
CIE Lab	65.00, 45.87, -3.14
CIE LCh	65, 45.977, 356.090
Yxy	34.0472, 0.3888, 0.2825
Android (android.graphics.Color)	4293360805 (0xFFE77CA5)
YUV	160.6670, 2.1362, 61.6820
Hunter-Lab	58.3500, 41.2527, 0.5819

Details

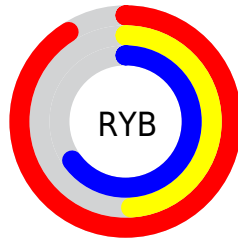
The CIELCh color $65, 45.977, 356.090$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $85, 41.712, 165.467$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 34.868, 344.258$, and $45, 46.070, 356.322$ is the 20% darker color. If you saturate the color by 10%, you get $60, 55.294, 358.033$, and if you desaturate by 10%, it is $70, 36.061, 354.499$.

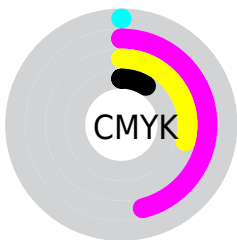
Distribution



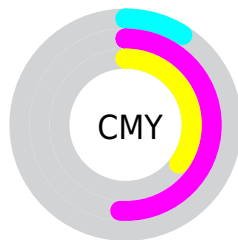
- Red (91%)
- Green (49%)
- Blue (65%)



- Red (91%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (46%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 45.977, 356.090 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 45.977, 356.090 by changing the saturation by 10% instead.


 65, 45.977,
356.090


 65, 45.977,
356.090


 100, 45.977,
356.090


 55, 45.977,
356.090


 85, 45.977,
356.090

 45, 45.977,
356.090

 95, 45.977,
356.090

 35, 45.977,
356.090

 25, 45.977,
356.090

 15, 45.977,
356.090

 5, 45.977, 356.090

 0, 45.977, 356.090

65, 45.977,
356.090

65, 45.977,
356.090

60, 55.294,
358.033

70, 36.061,
354.499

56, 63.541, 0.453

76, 25.944,
353.159

53, 70.229, 3.520

82, 15.891,
352.002

51, 75.053, 7.414

49, 78.123, 12.252

88, 6.071, 350.952

49, 79.096, 14.143

94, 3.422, 170.295

98, 8.699, 182.795

98, 8.246, 198.964

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 45.977, 356.090



85, 41.712, 165.467

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 45.977, 356.090



65, 45.977, 46.090



65, 45.977, 176.090



65, 45.977, 226.090

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 45.974, 356.092



91, 14.705, 351.759



63, 62.925, 315.082



47, 10.185, 351.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 45.974, 356.092



66, 59.582, 358.024



67, 41.265, 32.696



45, 5.437, 351.277



38, 65.092, 13.148



7, 26.842, 3.420

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65, 45.974, 356.092



66, 59.582, 358.024



82, 28.895, 210.918



45, 5.437, 351.277



38, 65.092, 13.148



7, 26.842, 3.420

Previews

White Background



This preview shows how the CIELCh color 65, 45.977, 356.090 looks on a white background.

Color Contrast Check

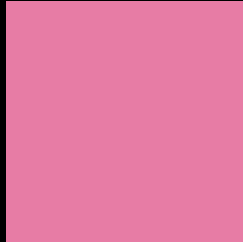
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 45.977, 356.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 45.977, 356.090

Background



This preview shows how black text looks on a background with the CIELCh color 65, 45.977, 356.090.



This preview shows how white text looks on a background with the CIELCh color 65, 45.977, 356.090.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
65, 45.977, 356.090

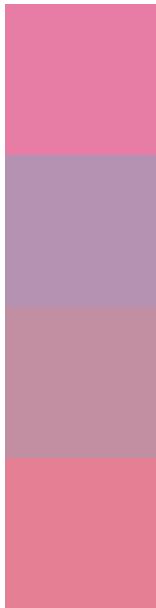
Protanopia
65, 15.596, 286.625

Deuteranopia
65, 8.658, 353.622



Tritanopia
65, 40.793, 17.164

Trichromacy



Original Color
65, 45.977, 356.090

Protanomaly
64, 22.749, 327.891

Deuteranomaly
65, 22.939, 353.089

Tritanomaly
65, 42.000, 8.657

Monochromacy



Original Color
65, 45.977, 356.090

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 17.221, 352.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 45.977, 356.090 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 124, 165)` looks like.

```
.text, #text, p{  
    color:rgb(231, 124, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 124, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 45.977, 356.090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 124, 165) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 124, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 124, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 124, 165);  
box-shadow:4px 4px 4px 4px rgb(231, 124,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 45.977, 356.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 124, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
124, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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